

Umetco Minerals Corporation



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November 30, 1987

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DIVISION OF
OIL, GAS & MINING

Mr. Steve McNeal
Division of Environmental Health
Utah Department of Health
150 West North Temple
Salt Lake City, Utah 84110

Dear Mr. McNeal:

Re: Hecla Treatment Plant and Silver Bell Mine Discharge

We have received the analysis for the last water sample for the Hecla treatment plant. The results are as follows:

	<u>Hecla Treatment Plant</u>
pH (Field)	6.5
Ra226, pCi/L (R)	10 (+ 2)
Nat. Uranium, pCi/L (R)	236
TDS, mg/L	510
TSS, mg/L	45

No samples were taken from the Wilson-Silver Bell mine discharge water. The evaporation pond is working very well and the water level is rising very slowly.

The test columns for the Hecla mine discharge water tests have been fabricated. Next week we plan on starting to run tests in six different columns. The material tested will be as follows:

- 1) Native Gravel
- 2) Native Silt (North of Highway 46)
- 3) Native Silt (Rattlesnake Mine Area)
- 4) Limestone
- 5) Barium Sulfate
- 6) Coal

All materials will be placed over a bed of native gravel. Also, additional tests may be run on other materials, such as zeolites, peat, or flyash.

Yours truly,

Niels B. Haubold
Niels B. Haubold
Manager of Mines

NBH/sw

cc: Messrs. D. Ariotti
R. F. Barnett
J. L. Hasty
R. K. Jones
C. O. Sealy